

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B6/06 G21K1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61B G21K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 30 30 332 A (SIEMENS AG) 25 February 1982 (1982-02-25) page 8, line 23 - line 30 page 9, line 30 - page 10, line 5 page 12, line 26 - page 14, line 8 page 16, line 20 - page 17, line 4; figure 1	1-5,8-10
X	US 4 875 225 A (HUNOLD MICHAEL) 17 October 1989 (1989-10-17) column 1, line 55 - column 2, line 2 column 2, line 27 - line 41 column 4, line 25 - line 55	1-5,8-10
X	US 4 609 940 A (BORN HANS-JOACHIM ET AL) 2 September 1986 (1986-09-02) the whole document	1-5,8-10
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

20 October 2004

Date of mailing of the international search report

28/10/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 065 670 A (GEN ELECTRIC) 3 January 2001 (2001-01-03) paragraphs '0006!, '0014!, '0015!; claims -----	1-5, 8-10

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3030332	A	25-02-1982	DE 3030332 A1	25-02-1982
US 4875225	A	17-10-1989	DE 3868958 D1	16-04-1992
			EP 0284733 A1	05-10-1988
			JP 63197516 U	20-12-1988
US 4609940	A	02-09-1986	DE 3330552 A1	07-03-1985
			DE 3470105 D1	28-04-1988
			EP 0139941 A1	08-05-1985
EP 1065670	A	03-01-2001	US 6215853 B1	10-04-2001
			EP 1065670 A2	03-01-2001
			JP 2001056396 A	27-02-2001